

SYSTEM AND METHOD FOR MANAGING AN OPTICAL NETWORKING SERVICE

ABSTRACT

Described are a system and method for managing a service across an optical network over a dedicated circuit between a first and second service termination points. Each service termination point generates a service performance report message. Each service performance report messages has information related to a performance of the service as determined by the service termination point generating the message. The service termination points exchange the service performance report messages over a service management channel to enable an assessment of the performance of the service based on the service performance report messages from both service termination points. Through access to and use of the service management channel, service providers can implement an edge management model or a core management model for measuring the performance of their services with respect to service level agreements governing those services.